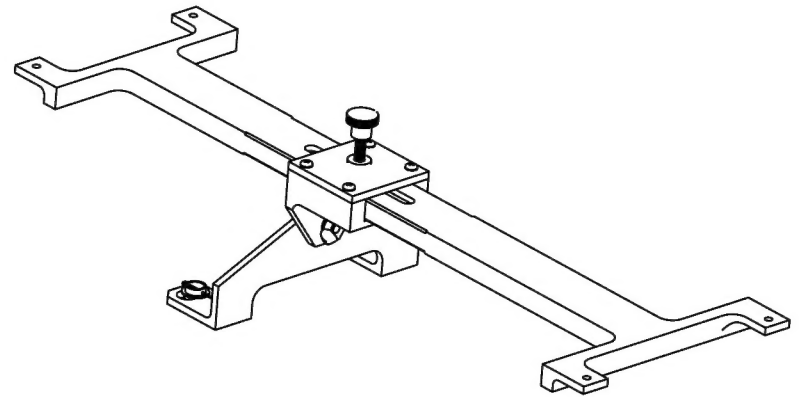
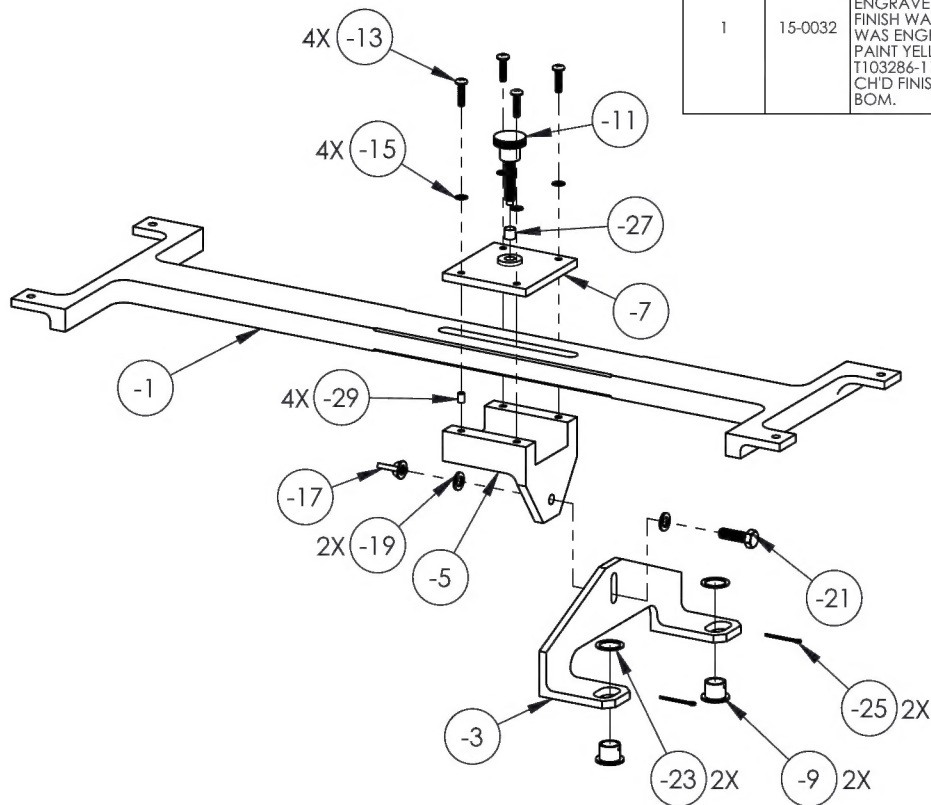


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15-0032	-1 SLOT LOCATION WAS ON WRONG SIDE, MOVED TO OPPOSITE SIDE (FLAT SIDE). CH'D ENGRAVE NOTE WAS ENGRAVE T/N, P/N, MADE IN USA IS ENGRAVE T/N, S/N, MADE IN USA, ADDED ENGRAVE "-103" NOTE. CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE. -3 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-101. ADDED ENGRAVE "-105". CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE. -5 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-113. CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE. -7 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-115. CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE. -9 CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE. -31 DELETED FROM BOM.	2/4/2015	RJC	JAG

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	BASE	6061		2
			-3	1	BRACKET	6061		3
			-5	1	SLIDE	6061		4
			-7	1	PLATE	6061		5
			-9	2	TUBE	6061		6
			-11	1	KNOB	STEEL	5/16-18 (MCMaster-CARR #6079K17) MODIFIED	7
		B/O	-13	4	SCREW	STEEL	10-32 X 23/32 (AIRCRAFT SPRUCE #MS27039-1-11)	1
		B/O	-15	4	WASHER	STEEL	# 10 (AIRCRAFT SPRUCE #MS35333-39)	1
		B/O	-17	1	WING NUT	STEEL	5/16-24 (MCMaster-CARR #90866A130)	1
		B/O	-19	2	WASHER	ALUMINUM	5/16 (AIRCRAFT SPRUCE #AN960PD-516)	1
		B/O	-21	1	BOLT	STEEL	5/16-24 (AIRCRAFT SPRUCE #NAS6605-10)	1
		B/O	-23	2	WASHER	S.S.	7/8 OD (MCMaster-CARR #93574A865)	1
		B/O	-25	2	COTTER PIN	STEEL	Ø1/16 X 1 (MCMaster-CARR #98338A110)	1
		B/O	-27	1	THREAD INSERT	S.S.	5/16-18 X 5/16 (MCMaster-CARR #91732A372)	5
		B/O	-29	4	THREAD INSERT	S.S.	10-32 X .285 (MCMaster-CARR #91732A231)	1, 4

NOTE:
REF. BELL T/N: T103286-101.

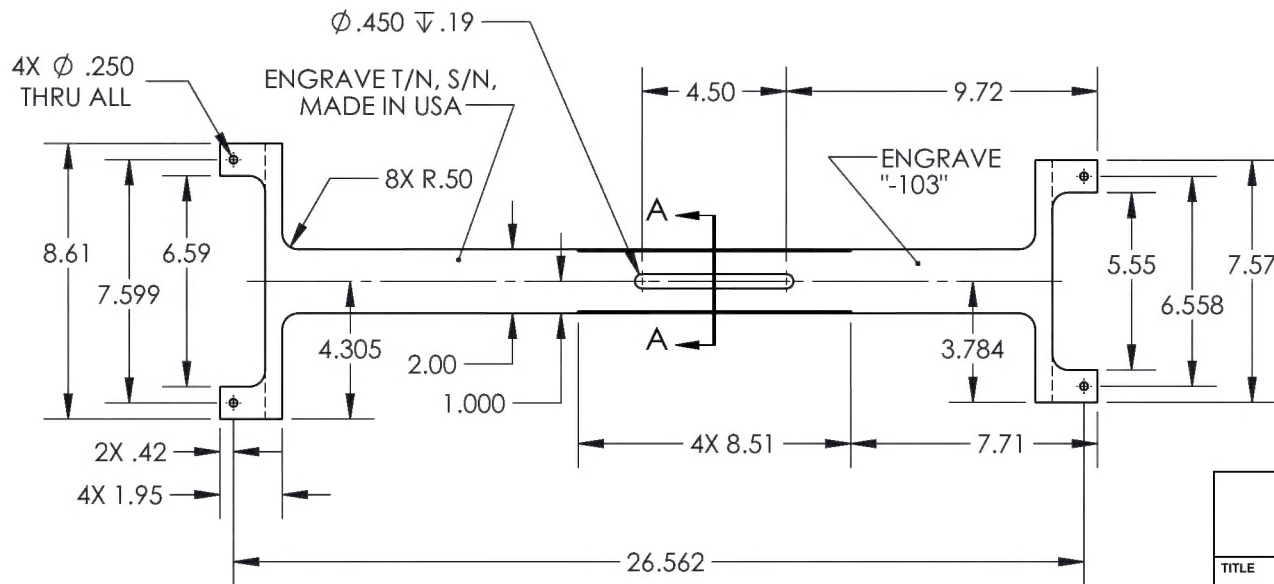
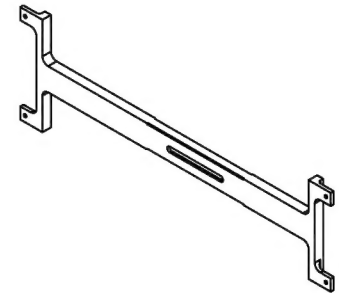
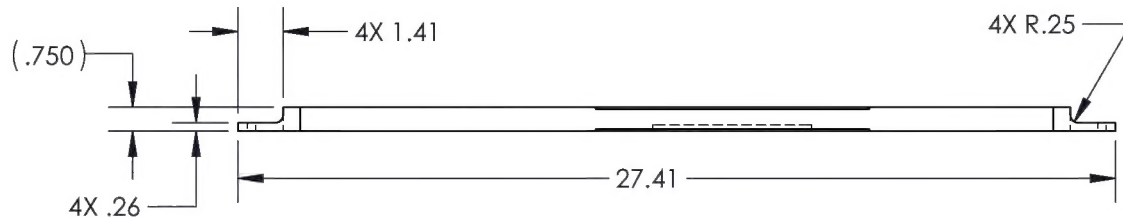
DART
AEROSPACE

CENTERING TOOL

DWG NO.		RB T103286-101		REV	1
MAT'L		DRAWN BY: GILBERT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1		APPROVED <i>D Weil</i>			
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		HEAT TREAT FINISH SPEC			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL BELL 412			
SCALE 1:6		DATE 7/26/2011		SHEET 1 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15-0032	1. SLOT LOCATION WAS ON WRONG SIDE, MOVED TO OPPOSITE SIDE (FLAT SIDE). CH'D ENGRAVE NOTE WAS ENGRAVE T/N, P/N, MADE IN USA IS ENGRAVE T/N, S/N, MADE IN USA, ADDED ENGRAVE "-103" NOTE. CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE.	2/4/2015	RJC	JAG



SECTION A-A

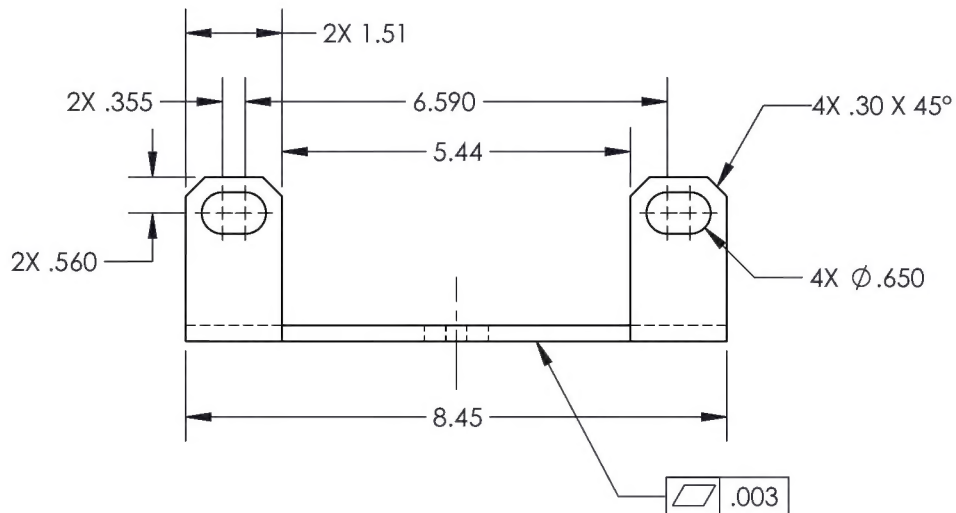
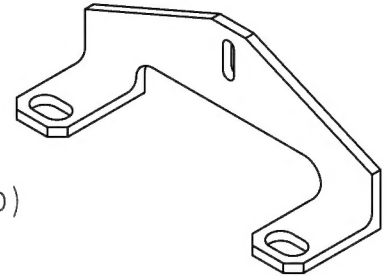
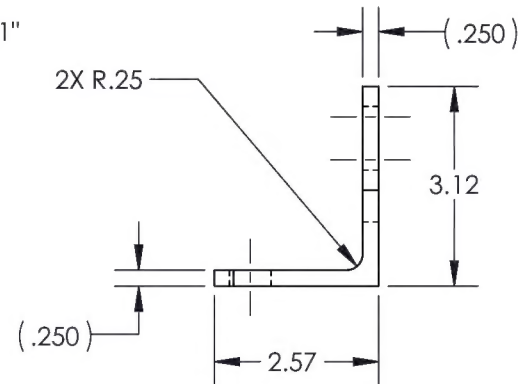
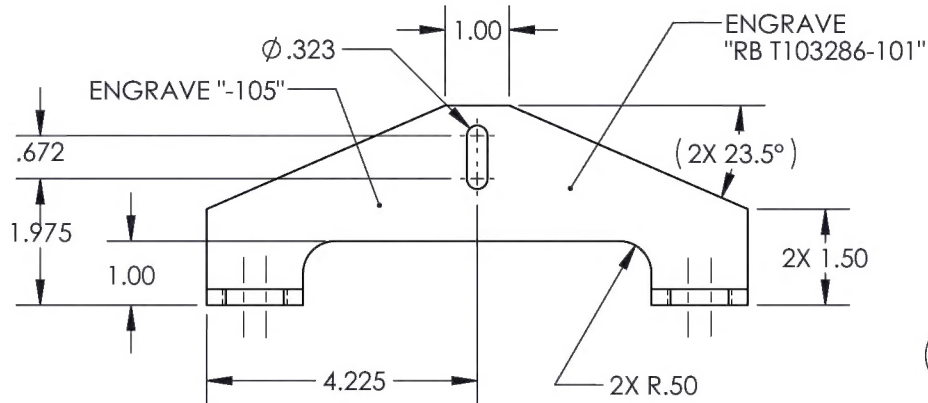
(1)

BASE

DART AEROSPACE	
TITLE	
DWG NO.	RB T103286-101-1
MAT'L 6061	REV 1
DRAWN BY: GILBERT	
APPROVED: <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SPEC MIL-A-8625F, TYPE II, CLASS II	
USED ON MODEL	
BELL 412	
SCALE 1:6	DATE 7/26/2011
SHEET 2 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15-0032	-3 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-101. ADDED ENGRAVE "-105". CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE.	2/4/2015	RJC	JAG

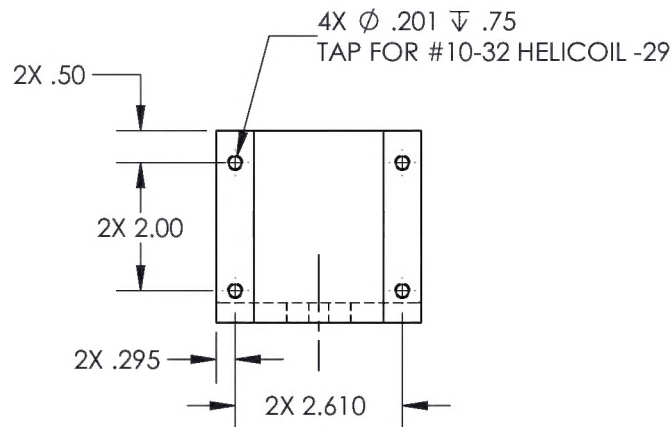
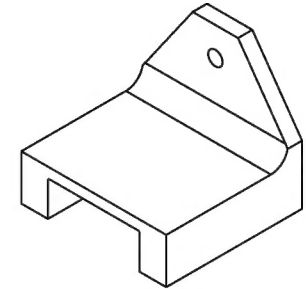
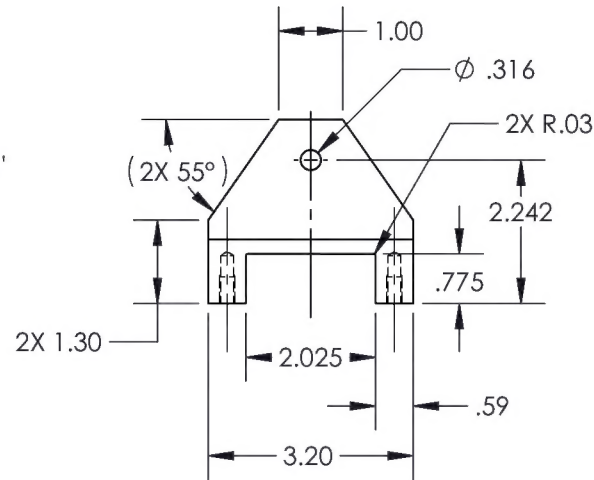
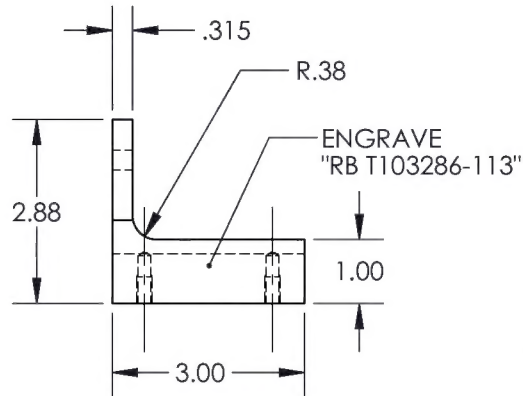


(3)
BRACKET

DART AEROSPACE	
TITLE CENTERING TOOL	
DWG NO. RB T103286-101-3	REV 1
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX \pm .005	HEAT TREAT
.XX \pm .01	FINISH RED ANODIZE
.X \pm .1	SPEC MIL-A-8625F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 412
SCALE 1:3	DATE 7/26/2011
SHEET 3 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15-0032	-5 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-113. CH'D NOTE 2 FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE.	2/4/2015	RJC	JAG



NOTE:
1. INSTALL 4 -29(THREAD INSERT).

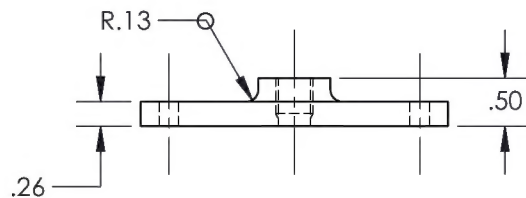
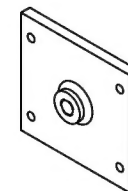
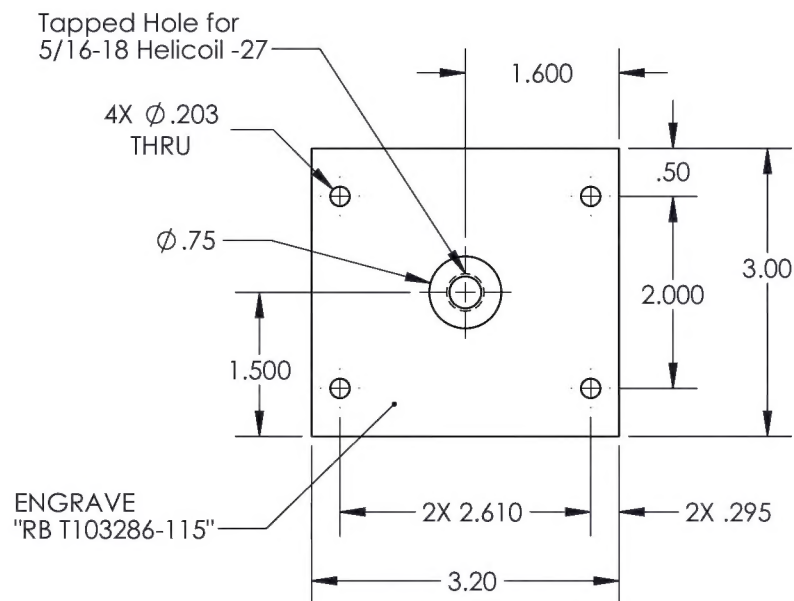
(-5)

SLIDE

DART AEROSPACE	
TITLE	
DWG NO.	RB T103286-101-5
MAT'L 6061	REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: GILBERT
.XXX ± .005	APPROVED <i>D Weil</i>
.XX ± .01	HEAT TREAT
.X ± .1	FINISH RED ANODIZE
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC MIL-A-8625F, TYPE II, CLASS II
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 412
SCALE 1:3	DATE 7/26/2011
	SHEET 4 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15-0032	-7 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-115. CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE.	2/4/2015	RJC	JAG



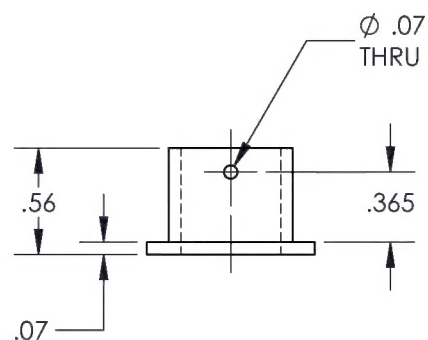
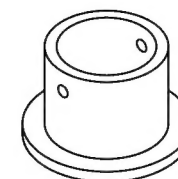
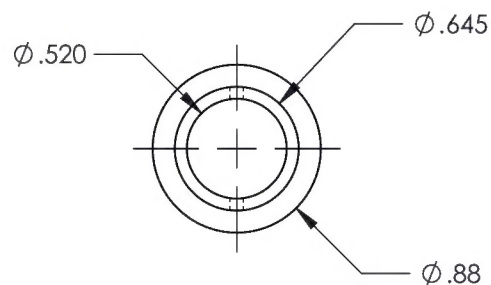
(-7)
PLATE

NOTE:
1. INSTALL 1 -27 (THREAD INSERT).

DART AEROSPACE	
TITLE	
DWG NO.	RB T103286-101-7
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX \pm .005	HEAT TREAT
.XX \pm .01	FINISH RED ANODIZE
.X \pm .1	SPEC MIL-A-8625F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 412
SCALE 1:2	DATE 7/26/2011
SHEET 5 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15-0032	-9 CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE.	2/4/2015	RJC	JAG



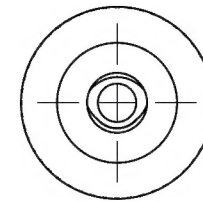
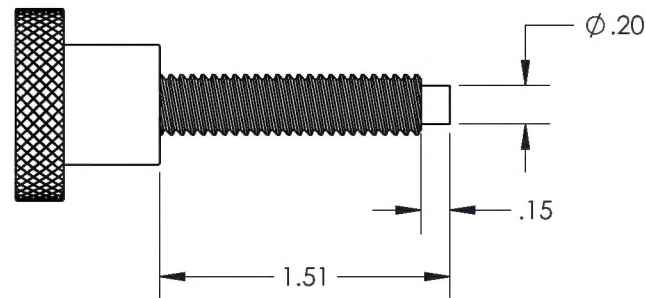
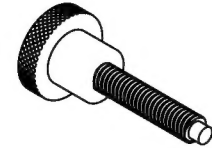
(-9)

TUBE

DART AEROSPACE	
TITLE	
DWG NO.	RB T103286-101-9
MAT'L 6061	REV 1
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SPEC MIL-A-8625F, TYPE II, CLASS II	
USED ON MODEL	
BELL 412	
SCALE 1:1	DATE 7/27/2011
SHEET 6 OF 7	

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REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



(-11)
KNOB

DART AEROSPACE	
TITLE CENTERING TOOL	
DWG NO. RB T103286-101-11	REV ?
MAT'L STEEL	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 412
SCALE 1:1	DATE 7/26/2011
SHEET 7 OF 7	